

XCMG QY30K5-I

Construction machine brochure



Max. total rated lifting load



30t

Maximum boom length



40.4m

Full extended boom lifting height



40.4m



Crane model series:

All-terrain

Truck crane

Crawler crane

Next International

Next International Equipment Ltd. is a professional company which operates in the domestic sales and export of construction machinery and parts. Although we have years of experience selling xcmg products through different companies. The company has self-managerial import & export authority, and can independently conduct the import and export business of construction machinery products.

XCMG

Since its foundation in March 1989, XCMG has always kept its vanguard role in the Chinese construction machinery industry for 25 years. At present, it ranks 5th in world construction machinery industry and 119nd among the top 500 Chinese enterprises. Being a large enterprise group with the largest scale, the most complete product type and series, and the highest competitiveness and influence in Chinese construction machinery industry.

QY30K5-I Truck Crane

The QY30K5-I is a three axle, single engine compact truck crane

The specifically designed chassis combined with the eco-friendly engine greatly enhances overall driving performance

An octagonal shaped boom made of high strength steel is both light and extra rigidly strong. Due to double telescopic mechanism the speed and lifting efficiency is much improved

Specially imported cables and bearings inside the boom make for the most reliable configuration possible

Patented hydraulic system adopts many innovative technologies which can make the machine more energy saving and powerful

The newly designed cabin with air-condition and comfortable seat take the load off the operator and make for optimal attention to the work

A newly designed load moment limiting system in full colour makes the safety of the people first priority



QY30K5-I

Technical specifications



Dimensions

Overall length	12570mm
Overall width	2500mm
Overall height	3390mm
Wheelbase	5025+1350mm
Wheel spacing	2074+1834+1834mm



Weight

Weight in travel state	32400kg
Front axle load	7000kg
Rear axle load	25400kg



Power

Engine model	Steyr WD615.329
Engine rated output	213kw/1900rpm
Engine rated torque	1160Nm/1400rpm
Engine model	Dong Feng SC8DK280Q4
Engine rated output	206kw/2200rpm
Engine rated torque	1112Nm/1400rpm



Travel

Max travel speed	80km/h
Min turning diameter	22m
Min ground clearance	291mm
Approach angle	19°
Departure angle	13°
Max grade ability	40%
Fuel consumption per 100km	40L
Acceleration noise	88dB(A)



Lifting performance

Max total rated lifting load	30t
Min rated working radius	3000mm
Turning radius counterweight	3065mm
Outrigger longitudinal span	5.85m
Outrigger lateral span	6m
Max load moment	1025Kn/m
Max load moment extended boom	630Kn/m

Lifting height

Base boom	10.7m
Full extended boom	40.4m
Full extended boom + jib	47.7m

Boom length

Base boom	10.6m
Full extended boom	40.4m
Full extended boom + jib	48.7m



Working speed

Boom elevation time to max	68s
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Boom telescoping time

Extending boom fully	150s
Retracting boom fully	140s

Outrigger telescoping time

Outrigger beam extend/retract	35s/30s
Outrigger jack extend/retract	40s/35s

Hoisting speed (single line)

Main winch	Empty hook	75m/min
	Full load	120m/min
Aux winch	Empty hook	75m/min
	Full load	120m/min

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Lifting load charts

Outriggers half extended, excluding 5th outrigger, 360° operation

Working Radius (m)	Main boom length, load in kg						
	10.6m	14.33m	18.05m	23.64m	29.23m	34.81m	40.4m
3	30000	25000					
3.5	28000	25000					
4	25300	25000	20000				
4.5	23000	24200	18600	15600			
5	20500	22300	17300	14700			
5.5	18000	19200	15900	13800	11700		
6	16000	16000	14800	12800	11100		
6.5	13800	13600	13500	12100	10500		
7	11900	11800	11600	11300	9900	8400	
8	9200	9000	8900	9800	9150	7800	6350
9		7100	7000	7800	8300	7200	6150
10		5700	5500	6300	6800	6600	5740
11		4600	4500	5200	5700	5900	5330
12			3600	4300	4800	5000	4950
13			2900	3600	4000	4300	4500
14			2300	3000	3400	3700	3900
15				2500	2900	3200	3400
16				2100	2500	2700	2900
18				1400	1800	2000	2200
20					1300	1500	1700
22					800	1100	1200
24					500	700	900
26						400	600
28							400
Parts of line	10	8	6	5	4	3	3
Hookblock	400kg						

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Lifting load charts

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6.5	14000	16800	13900	12100	10500		
7	13500	14700	13000	11300	9900	8400	
8	11000	11700	11300	9900	9000	7800	6350
9		9500	9400	8900	8200	7200	6150
10		7800	7700	8100	7400	6600	5740
11		6500	6400	7100	6780	6050	5330
12			5400	6000	6200	5600	4950
13			4500	5200	5550	5200	4700
14			3800	4500	4850	4800	4350
15				3900	4300	4450	4200
16				3300	3700	3850	3850
18				2500	2900	3100	3230
20					2200	2450	2600
22					1700	1900	2100
24					1200	1500	1700
26						1100	1300
28						800	1000
30							730
32							520
Parts of line	10	8	6	5	4	3	3
Hookblock	400kg						

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Additional technical information

Truck Chassis

XCMG specially designed and manufactured chassis

Three axles with two driven and one steering: 6x4x2

Frame

XCMG designed frame and structure design

Especially resistant against torsion

High strength outrigger boxing

Front and rear towing hook

Engine

Manufactured by Weichai the WD615.329 is top class

Inline six cylinder, water cooled, ECU controlled diesel engine

This engine meets the Euromot III standard

Fuel tank capacity is 300L

Gearbox

Mechanical controller 8-speed rear axle drive

Axle

Three axles with two driven and one steering: 6x4x2

First axle is steering

Second and third axles are driven





Next Equipment International

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